

# SOCOMASK

## PR 1

SOCOMASK PR 1 is a hand-peelable protective coating developed to protect surfaces during chemical milling.

This product has been especially formulated to provide the following properties and performance :

- Very easy application by means of conventional spraying systems (airless/airmixed) or by dipping.
- Exceptional chemical resistance offering a solution to most chemical protection problems (alkaline machining bath in the range 140 to 230° F, chromic-sulphuric mixture bath, hydrofluoric bath, detergent solution...).
- Resistance to impact during forming and degreasing processes, various manipulations.
- Resistance to impact during storage, transport, protection of the substrates against corrosion.
- Resistance to temperature (upto 392° F) and very easy peeling, even after all chemical processes, and exposure to bad weather and corrosive atmospheres.

### **DIRECTIONS FOR USE**

The product can be applied hot or cold, with an airless or airmixed spraygun, or by dipping.

#### HOT AIRLESS OR AIRMIXED SPRAYING

- Equipment : Graco, Kremlin or Nordson
- Temperature : 60 to 100° C (140 to 212° F) in the heater
- Pressure of the pump : 160 to 200 bars
- Application distance : from 300 to 700 mm approximately
- Number of layers : 2 or 3 according to the required thickness
- Drying time between 2 layers : 15 minutes minimum
- The first coating must be thin. : 100 microns maximum

#### COLD AIRLESS OR AIRMIXED SPRAYING

Same general application conditions as for hot spraying, except for temperature and drying time. (minimum drying time between layers : 30 minutes).

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## DIPPING

According to the required thickness, increase the number of immersions (about 100 microns for 1 dipping of 15 seconds). Minimum drying time between layers : 30 minutes.

## **TECHNICAL CHARACTERISTICS**

. Density	:	1.47 at 20° C (68° F)
. Brookfield viscosity LV3 12 t	:	2 500 cps (for information only)
. Colour	:	green
. Flash point	:	none
. Conservation time	:	1 year minimum in original closed packages
. Storage temperature	:	-5 to 35° C (23 to +95° F)

## *FILM PROPERTIES (THICKNESS 200 µ)*

. Appearance	:	green, elastic, cohesive
. Initial elongation at rupture	:	about 400 %
. Initial rupture power	:	about 80 kg/cm <sup>2</sup>
. Adhesion on 2024 T3	:	about 150 g/cm

## **STORAGE AND USAGE SAFETY MEASURES**

The product must be completely homogeneous before spraying. It is absolutely necessary to stir the mixture before using as well as every 8 hours during application. Avoid air incorporation and make sure that product is properly stirred.

The surfaces to be covered must be perfectly clean ; if necessary use cleaning **DIESTONE** solvents.

Spray in rooms without air turbulences or extreme heating.

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SOCOMASK PR 1 when applied in sufficient thickness is easy to peel off, even after machining cycles.

SOCOMASK PR 1 contains chlorinated solvents ; prolonged exposure to concentrated vapours as well as contact with skin are therefore to be avoided.

Use an appropriate ventilation. Keep sheltered from sun and heat sources.

In case of ingestion, induce vomiting, move patient to fresh air and seek medical advice.

Please read the safety data sheet for further information.

**This technical data sheet replaces and cancels the previous one.**

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